

Raison: The Diamond Descent- Teratai Bloom

Designed By: Paul Raison (Australia) Oct/Nov 2013

Angles for R.I. = 1.610

153 + 16 girdles = 169 facets

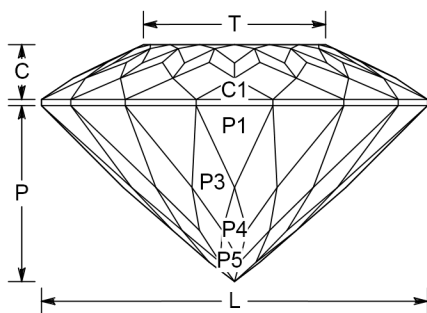
16-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.472 U/W = 0.472

P/W = 0.455 C/W = 0.142

Vol./W³ = 0.208



PAVILION

P1	45.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Cut to CP
P2	90.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	cut level girdle & size
P3	43.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to meet girdle line
P4	41.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Cut to meet point of P1
P5	39.00°	03-15-27-39-51-63-75-87	Cut to meet point P3

CROWN

C1	34.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Cut to girdle width G1
C2	29.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to meet Girdle Line G1 & C1
C3	26.00°	01-05-07-11-13-17-19-23-25-29-31-35-37-41-43-47-49-53-55-59-61-65-67-71-73-77-79-83-85-89-91-95	Cut too meet point of C1
C4	25.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Cut into C3 until meet point is approx.level with C2
C5	18.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to meet point C3
C6	0.00°	Table	

Notes: Ensure meets are exact, the C3 'off set' facet line meets the meet point of C1. I suggest final polish for the crown you do in reverse (tip) # Design 1

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